mechanisms of ageing and development

Volume contents

Volume 76 (1994)

Temporal and substrate-dependent patterns of stress protein expression in	
the hypothalamus of caloric restricted rats	
K.B. Aly, J.L. Pipkin, W.G. Hinson, R.J. Feuers, P.H. Duffy, R.W. Hart	
(Cairo, Egypt; Jefferson, Little Rock, AR)	1
Chronic caloric restriction induces stress proteins in the hypothalamus of rats	
K.B. Aly, J.L. Pipkin, W.G. Hinson, R.J. Feuers, P.H. Duffy, L.	
Lyn-Cook, R.W. Hart (Cairo, Egypt; Jefferson, Little Rock, AR)	11
Life-span of Drosophila melanogaster in highly oxygenated atmospheres	
P. Baret, A. Fouarge, P. Bullens, F.A. Lints (Louvain-la-Neuve,	
Belgium)	25
Effect of aging on autoimmune response to rat male accessory glands:	
young, but not aged, antigen-presenting cells efficiently induce suppres-	
sion in aged rats	
M.C. Pistoresi-Palencia, M. Romero-Piffiguer, G. Morón, M.E. Ferro	
(Córdoba, Argentina)	33
Dietary butylated hydroxytoluene counteracts with paraquat to reduce the	
rate of hepatic DNA single strand breaks in senescence-accelerated mice	
P. He, K. Yasumoto (Kyoto, Japan)	43
Muscarinic cholinergic receptors in the hippocampus of aged rats: influ-	
ence of choline alphoscerate treatment	
F. Amenta, A. Liu, YC. Zeng, D. Zaccheo (Genova, Italy)	49
Immunocytochemical demonstration of prolactin interaction with choroid	
plexus in aging and acute hyperprolactinemia	
T. Kvitnitskaya-Ryzhova, T. Shinkai, H. Ooka, K. Ohtsubo (Kiev,	
Ukraine; Tokyo, Japan)	65
	05
Mitochondrial activities of rat heart during ageing C. Castelluccio, A. Baracca, R. Fato, F. Pallotti, M. Maranesi, V. Bar-	
zanti, A. Gorini, R.F. Villa, G.P. Castelli, M. Marchetti, G. Lenaz	73
(Rologna Pavia Italy)	13

Carbon tetrachloride hepatotoxicity as a function of age in female Fischer	
344 rats	89
L.E. Rikans, K.R. Hornbrook, Y. Cai (Oklahoma City, OK) Involvement of protein kinase C and arachidonate signaling pathways in the alteration of proliferative response of senescent IMR-90 human fibroblasts	03
F. Vannini, E. Meacci, V. Vasta, M. Farnararo, P. Bruni (Florence,	
Ialy)	101
Glycine release from hippocampal slices in developing and ageing mice: modulation by glutamatergic receptors	
P. Saransaari, S.S. Oja (Tampere, Finland)	113
Age-related changes in angiotensin II-stimulated vascular contraction and inositol phosphate accumulation in Fischer 344 rats	
G. Cai, H. Gurdal, T.M. Seasholtz, M.D. Johnson (Philadelphia, PA)	125
β-Amyloid precursor protein (APP)-like immunoreactivity in the human sympathetic ganglia	
B. Calzada, A. Cabal, F.J. Naves, M.E. del Valle, J.J. Represa, J.A. Vega	
(Oviedo, Spain)	135
Effect of abscisic acid, gibberellic acid, indoleacetic acid, and kinetin on se- lective ribosomal cistron regulation in quiescent and senescent onion leaf base tissue	
C.S. Karagiannis, A.J. Pappelis (Carbondale, IL)	145
Age-related accumulation of lipofuscin in three different regions of rat brain F. Oenzil, M. Kishikawa, T. Mizuno, M. Nakano (Aichi-ken,	
Japan)	157
Age-dependent changes in rat liver prenyltransferases	
A. Thelin, M. Runquist, J. Ericsson, E. Swiezewska, G. Dallner	
(Stockholm, Huddinge, Sweden; Warzaw, Poland)	165
Distribution and lytic activity of NK cell subsets in the elderly	
E. Mariani, M.C.G. Monaco, L. Cattini, M. Sinoppi, A. Facchini	
(Bologna, Italy)	177
Effect of dietary high doses of vitamin E on lymphocyte subsets in young and old CBA mice	
D. Brohée, P. Nève (Montigny-le-Tilleul, Brussels, Belgium)	189
Suppression of squamous cell carcinoma in hairless mice by dietary nutrient variation	
A.B. Robinson, A. Hunsberger, F.C. Westall (Cave Junction, OR)	201
Effect of age and caloric restriction on DNA oxidative damage in different tissues of C57BL/6 mice	
R.S. Sohal, S. Agarwal, M. Candas, M.J. Forster, H. Lal (Dallas, Fort	
Worth, TX)	215

